Motherboards

Friendly print Send to friends Comparison

AK77-333

AMD Athlon & Duron K7: Socket A

CPU
- AMD Athlon XP/Athlon/Duron CPU
- 266MHz

Chipset
- VIA KT333
- VIA 8233A

Main Memory
- DDR DIMM x 3

Graphics
- 4X AGP slot

Form Factor
- ATX

Overview | Key Features | Specifications

CPU	AMD Athlon XP/Athlon/Duron CPU Socket A 266MHz
Chipset	VIA KT333 VIA 8233A
Super I/O	Winbond
Clock Gen.	Cypress
Main Memory	Support : DDR333 [PC2700] DDR DIMM x 3 DIMM Type : 8/16/32/64/128/256/512MB & 1GB Max Memory : 3GB
Graphics	4X AGP slot
IDE	Integrated ATA133 Controller Max Disk : 144,000,000GB [by 48 bits LBA Spec.]
Sound	Realtek AC'97 CODEC on-board 5.1 Channel
USB	VIA USB 2.0 Control Chip on-board (optional) USB1.1 x 4 USB2.0 x 4 (optional)
Slots	AGP x 1 PCI x 5 CNR x 1
Storage & Back Panel I/O	Floppy Drive Connector x 1 IDE Channel : ATA133 x 2 PS/2 Keyboard x 1 PS/2 Mouse x 1 USB Port x 2 (USB1.1) COM Port x 2 Printer Port x 1 Game/MIDI Port x 1 Line_In x 1 MIC_In x 1 Speaker_Out x 1
On Board Connector	CPU FAN x 1 System FAN x 1 Chassis FAN x 1 Case Open Connector x 1 Front Audio x 1 Front Panel x 1

	▪ USB Port x 6 (USB1.1 x2 and optional USB2.0 x4) ▪ S/PDIF x 1 ▪ CD_IN x 1 ▪ IrDA x 1 ▪ AUX_IN x 1 ▪ Wake on LAN x 1 ▪ Wake on Modem x 1 ▪ MODEM_CN x 1 ▪ Dr LED x 1
BIOS	▪ Award PnP 2Mb Flash ROM BIOS
Form Factor	▪ ATX
Board Size	▪ 305 mm x 244 mm
Software & Utility	▪ Acrobat Reader ▪ Norton Anti-Virus ▪ AOconfig utility ▪ EzRestore/ProMagic ▪ EzSkin utility ▪ EzWinFlash utility ▪ HWMON utility ▪ Online eBook Manual
Accessory	▪ Easy Installation Guide ▪ Enhanced Full Pictured Manual ▪ EzRestore Guide ▪ Bonus Pack CD disc ▪ Floppy Disk cable ▪ 40-wire IDE cable x 1 ▪ 80-wire ATA133 cable x 1 ▪ Two ports USB2.0 cable x 1

Specifications and accessory subject to changes without prior notice

Overview **Key Features** **Specifications**

- Supports ATA133 IDE Interface (additional 80-wire cable included)
- CPU Over Current Protection (OCP)
- Hardware Monitoring
- Chassis Intrusion Detector
- Resetable Fuse for Keyboard and USB
- 1MHz Stepping CPU Overclocking
- AC Power-On Auto Recovery
- Battery-less & Long-life Design
- WatchDog ABS -- Intelligent Overclocking Anti-lock Break System
- CPU Jumper-less Design
- JukeBox CD player
- Vivid BIOS Technology
- EzWinFlash BIOS
- DMI management under Windows
- EzRestore/ProMagic HDD Crash Protection
- Suspend to Disk (ACPI S4)
- Suspend to RAM (ACPI S3)
- DieHard BIOS (upgrade optional)
- DieHard BIOS Lite
- Wake on Keyboard/ Mouse
- Wake on LAN
- Wake on Modem
- Full Colored Easy Installation Guide

Overview **Key Features** **Specifications**

Customer Reviews (5) Average Rating

WRITE A REVIEW-

★★★☆☆ | hossam salah anwer | 9/17/2004 5:43:19 PM

since i purchased my ak77-333 motherboard from 3 months i touched a good and fast customer support services ,i'll suggest your product for each one in egypt who serching for a good products an after sales services

★★★☆☆ | Christopher LaPenta | 9/17/2004 5:40:33 PM

Thank you AOpen for producing such wonderful products. I just recently upgraded my computer from the AK73 PRO A to the AK77-333, and as usual the transition was a cinch! your easy to understand guides are perfect even for amateur computer builders like myself. I had the AK73 PRO A for about a year and not once did this board crash or give me any troubles at all. I'm looking forward to the same quality,precision and attention to detail from the AK77-333.Thank You

★★★☆☆ | LOZ | 9/17/2004 4:46:00 PM

HI YOU DO THE BEST PRODUCTS IN THE WORLD TODAY SO COULD YOU DO A CHROME CASE FOR MY AK77-333 I AM SURE THEY WOULD BE A BIG MARKET FOR IT. FOR NOW I CAN OLNLY DREAM.

★★★★★ | hossam salah anwer | 9/17/2004 3:17:43 PM

since i purchased my ak77-333 motherboard from 3 months i touched a good and fast customer support services ,i'll suggest your product for each one in egypt who serching for a good products an after sales services

★★★★★ | Norm Leonard | 9/17/2004 11:50:02 AM

I must say my recent build with the AK77-333 went great. Except for one little glitch. The FSB jumper was set to 100 instead of 133 as per the user's guide. I should have checked it first. My mistake. Other than that this is one great board!Overclocking has never been easier! Way to go AOpen!!!

Overview

Supports ATA133 IDE Interface

AOpen recommends you to pair your system with the hard disk equipped with ATA-133 technology to get the best performance of the new motherboards and to satisfy your system's need for speed.

CPU Over Current Protection (OCP)

The Over Current Protection was very popular implemented on ATX 3.3V/5V/12V switching power supply. However, the new generation CPU uses different voltage that has regulator to transfer 5V to CPU voltage (for example, 2.0V), and makes 5V over current protection useless.

Chassis Intrusion Detector

The “CASE OPEN” header provides chassis intrusion-monitoring function. To make this function works, you have to enable it in the system BIOS, connect this header to a sensor somewhere on the chassis. So, whenever the sensor is triggered by the movement of opening the chassis, the system will send out beep sound to inform you.

Resetable Fuse for Keyboard and USB

Traditional motherboard has fuse for Keyboard and USB port to prevent over-current or shortage. These fuses are soldered onboard that when it is broken (function as protecting the motherboard), user still cannot replace it and the motherboard is still malfunctioning. With expensive Resettable Fuse, the motherboard can be resumed back to normal function after the fuse had done its protection job.

1MHz Stepping CPU Overclocking

Some of AOpen's motherboards come with a newly designed clock generator that allows a 1MHz step increment on the Front Side Bus (FSB), making gradual over-clocking possible through the BIOS software. AOpen motherboard features a variety of easy overclocking options that help your system get maximum performance.

Battery-less & Long-life Design

AOpen Motherboard's implements EEPROM and a special circuit that allows you to save your current CPU and CMOS Setup configurations without the need of a battery. The RTC (real time clock) can also keep running as long as the power cord is plugged.

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